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The preferred embodiments of the invention described below comprise an attachment system as shown in the drawings comprising a four sided wire apparatus 1 having opposing parallel elongated support members or wires, preferably made from cylindrical, rigid metal wire, but possibly also made from other materials such as plastic or wood. This apparatus has a bottom horizontal wire 2 which is generally parallel to a top horizontal wire 4, and two parallel, transverse side wires 6 and 8 which are perpendicular to the top wire 4 and bottom wire 2; the four wires connect and form the rectangularly shaped attachment system. This system attaches a suction cup 9 to a device or fixture 30 by attaching each of the two transverse side wires 6 and 8 to a pair of adjacent wire struts or supports 20 which extend between at least one of the horizontal wire supports of the fixture 30 as shown in Fig. 3. The suction cup is comprised of a neck 14, an engaging member 16 comprised of a flexible concave surface for engaging flat surfaces and is molded onto one end of the neck 14, and a flexible disc-shaped engagement portion or capture button or head 12 molded onto the other end of the neck 14. The diameter of the head 12 exceeds that of the neck 14. The opening 10 in the apparatus 1 is smaller than the diameter of the head 12, but larger than that of neck 14 of the suction cup 9 which makes it easy to assemble. This opening 10 is large enough to enable the head 12 when compressed or folded to pass through yet small enough to prevent the head 12 from slipping out after it is inserted and decompressed. In the attachment system, the head 12 of the suction cup 9 is compressed and pushed through the opening 10 in the apparatus 1. Once through the opening 10, the head 12 expands and the neck 14 is retained in the apparatus 1, securing the suction cup 9 to the fixture 30.